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ABSTRACT OF THE DISCLOSURE

A support structure, designed to maintain a resealable plastic bag in an open position within a dishwasher through the washing and drying cycles, has at least two vertically extending support and restraining straps that may be engaged with like straps to form a resilient support framework. A plurality of mating dimples and protrusions offer controlled size adjustments, while maintaining the reliability of the structure. The structure is readily collapsible to a flat and compact structure prior to purchase and when not in use, and includes features to engage with the rack in the dishwasher to prevent the support and bag from being substantially relocated during the wash process.